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1. A method of detecting a reticle option layer in an integrated circuit device comprising:

measuring the current through a first MOS transistor in an integrated circuit device by forcing a test voltage on the drain and the gate wherein said gate and said drain of said first MOS transistor are connected together, wherein the source of said first MOS transistor is connected to a reference voltage, and wherein said first MOS transistor is not parametrically affected by a reticle option layer;

measuring the current through a second MOS transistor in said integrated circuit device by forcing same said test voltage on the drain and the gate wherein said gate and said drain of said second MOS transistor are connected together, wherein the source of said second MOS transistor is connected to a reference voltage, and wherein said second MOS transistor is parametrically affected by said reticle option layer; and

comparing said current through said first MOS

transistor and said current through said second MOS

transistor to detect the presence of said reticle option
layer in said integrated circuit device.

- 2. The method according to Claim 1 wherein said reticle option layer comprises a threshold voltage implantation.
- F. The method according to Claim 1 wherein said reticle option layer comprises one of the group of: polysilicon, metal, and threshold implantation.
- 4. The method according to Claim 1 wherein said first MOS transistor and said second MOS transistor are the same size, the same direction and in close proximity.
- 5. The method according to Claim 1 wherein said reticle option layer comprises a combination of reticle layers.
- 6. The method according to Claim 5 wherein said combination of reticle layers comprises the group of: polysilicon, metal, and threshold implantation.
- 7. The method according to Claim 1 wherein said measuring of said current through said first MCS transister and said measuring of said current through said second MCS transister is by directly probing the die of said integrated circuit device.

- 8. The method according to Claim 1 wherein said measuring of said current through said first MOS transistor and said measuring of said current through said second MOS transistor is by probing an output pin of packaged said integrated circuit device.
  - 9. The method according to Claim 1 wherein said first MOS transistor and said second MOS transistor comprise one of the group of: NMOS transistors and PMOS transistors.
  - 10. A method of detecting a threshold voltage implantation reticle option layer in an integrated circuit device comprising:

in an integrated circuit device by forcing a test voltage on the drain and the gate wherein said gate and said drain of said first MOS transistor are connected together, wherein the source of said first MOS transistor is connected to a reference voltage, and wherein said first MOS transistor has the standard threshold voltage implantation but not the threshold voltage implantation reticle option layer;

measuring the current through a second MOS transistor in said integrated circuit device by forcing same said test

- voltage on the drain and the gate wherein said gate and said drain of said second MOS transistor are connected together, wherein the source of said second MOS transistor is connected to a reference voltage, and wherein said second MOS transistor has both said standard threshold voltage implantation and said threshold voltage implantation reticle option layer; and
- transistor and said current through said first MOS

  transistor and said current through said second MOS

  transistor to detect the presence of said threshold voltage

  implantation reticle option layer in said integrated

  circuit device.
  - 11. The method according to Claim 10 wherein said first MOS transistor and said second MOS transistor are the same size, the same direction and in close proximity.
  - 12. The method according to Claim 10 wherein said measuring of said current through said first MCS transistor and said measuring of said current through said second MOS transistor is by directly probing the die of said integrated circuit device.
  - 13. The method according to Claim 10 wherein said measuring

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of said current through said first MOS transistor and said measuring of said current through said second MOS transistor is by probing an output pin of packaged said integrated circuit device.

14. The method according to Claim 10 wherein said first MOS transistor and said second MOS transistor comprise one of the group of: NMOS transistors and PMOS transistors.

15. A method of detecting a threshold voltage implantation reticle option layer in an integrated circuit device comprising:

selecting a first NMOS transistor in an integrated circuit device in a first test mode at that the voltage at the drain and the gate of said first NMOS transistor may be measured at an output pin of said integrated circuit device wherein said gate and said drain of said first NMOS transistor are connected together, wherein the source of said first NMOS transistor is connected to ground, and wherein said first NMOS transistor has the standard threshold voltage implantation but not the threshold voltage implantation but not the threshold voltage implantation reticle option layer;

measuring said voltage at said output pin in said

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15 \ first test mode when an internal standard voltage is connected to said drain and said gate through a first internal standard resistance;

selecting a second NMOS transistor in said integrated circuit device in a second test mode so that the voltage at the drain and the gate of said second NMOS transistor may be measured at said output pin of said integrated circuit device wherein said gate and said drain of said second NMOS transistor are connected together, wherein the source of said NMOS transistor is connected to ground, and wherein said second NMOS transistor has both said standard threshold voltage implantation and said threshold voltage implantation and said threshold voltage implantation reticle option layer;

measuring said voltage at said output pin in said second test mode when said internal standard voltage is connected to said drain and said gate through a second internal standard resistance; and

comparing said voltage at said output pin in said first test mode with said voltage at said output pin in said second test mode to detect the presence of said threshold voltage implantation reticle option layer in said integrated circuit device.

- 16. The method according to Claim 15 wherein said selecting of said first NMOS transistor is by a multiplex circuit and wherein said selecting of said second NMOS is by a multiplex circuit.
- 17. The method according to Claim 15 further comprising amplifying said voltage at said drain and said gate of said first NMOS transistor and said second NMOS transistor to thereby generate an amplified drain and gate voltage at said output pin.
- 18. The method according to Claim 15 wherein said first NMOS transistor and said second NMOS transistor are the same size, the same layout orientation, and in close proximity.
- 19. The method according to Claim 15 wherein said first internal resistance and said second internal resistance comprise the same resistance value.
- ,20. A method of detecting a threshold voltage implantation reticle option layer in an integrated circuit device comprising:

selecting a first FMOS transistor in an integrated

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5 chrouit device in a first test mode so that the voltage at the drain and the gate of said first PMOS transistor may be measured at an output pin of said integrated circuit device wherein said gate and said drain of said first NMOS transistor are connected together, wherein the source of said first PMOS transistor is connected to an internal standard voltage, and wherein said first PMOS transistor has the standard threshold voltage implantation but not the threshold voltage implantation reticle cotion layer;

measuring said voltage at said output pin in said first test mode when said drain and said gate are connected to ground through a first internal standard resistance;

selecting a second PMCS transistor in said integrated circuit device in a second test mode so that the voltage at the drain and the gate of said second PMCS transistor may be measured at said output pin of said integrated circuit device wherein said gate and said drain of said second PMCS transistor are connected together, wherein the source of said PMCS transistor is connected to said internal standard voltage, and wherein said second PMCS transistor has both said standard threshold voltage implantation and said threshold voltage implantation reticle option layer;

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measuring said voltage at said output pin in said second test mode when said drain and said gate are connected to said ground through a second internal standard resistance; and

comparing said voltage at said output pin in said first test mode with said voltage at said output pin in said second test mode to detect the presence of said threshold voltage implantation reticle option layer in said integrated circuit device.

- 21. The method according to Claim 20 wherein said selecting of said first PMDS transistor is by a multiplex circuit and wherein said selecting of said second PMDS is by a multiplex circuit.
- 22. The method according to Claim 10 further comprising amplifying said voltage at said drain and said gate of said first PMOS transistor and said second PMOS transistor to thereby generate an amplified drain and gate voltage at said output pin.
- 23. The method according to Claim 20 wherein said first FMOS transistor and said second PMOS transistor are the

VISA-99-048

same size, the same layout orientation, and in close proximity.

24. The method according to Claim 20 wherein said first internal resistance and said second internal resistance comprise the same resistance value.